Week 21 Bio2 Warmups

Match each process with the correct part of the carbon cycle.

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| 1. | plants take in CO2 during photosynthesis | a. | short-term |
| 2. | carbon in the form of carbonates and limestone | b. | long-term |
| 3. | carbon trapped as fossil fuels |  |  |
| 4. | animals breathe out carbon dioxide |  |  |
| 5. | carbon incorporated into shells and bones |  |  |

Match each statement with the correct nutrient cycle to which it pertains.

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| 1. | most common gas in the atmosphere | a. | carbon |
| 2. | **not** found within the atmosphere | b. | nitrogen |
| 3. | common component of fossil fuels | c. | phosphorus |
| 4. | contributes to acid rain |  |  |
| 5. | does **not** contribute to algal blooms |  |  |

Match each example to the correct type of succession.

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| 1. | clear cut forest | a. | primary succession |
| 2. | newly formed volcanic island | b. | secondary succession |
| 3. | exposed bedrock |  |  |
| 4. | burned field |  |  |
| 5. | abandoned corn field |  |  |

Identify whether each statement is true or false.

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| 1. | Fire has no ecosystem benefits. |
| 2. | Global warming is an effect of burning too many fossil fuels on the nitrogen cycle. |
| 3. | If a field is abandoned, it will eventually become a mature forest. |
| 4. | Disturbances, such as landslides and grazing, can serve to restart the succession process. |
| 5. | An example of a pioneer species is an oak tree. |